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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/954,245	10/26/97	LEBOURGEOIS	J CRYPT1010WSW

LM71/0924
WARREN S WOLFELD
FLIESLER DUBB MEYER & LOVEJOY
FOUR EMBARCADERO CENTER SUITE 400
SAN FRANCISCO CA 94111-4156

EXAMINER
CALLAHAN, P

ART UNIT
2767

PAPER NUMBER
8

DATE MAILED: 09/24/99

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

LM71/0924

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APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
08/954,245	10/20/97	038	CALLAHAN, P 2767	09/24/99
First Named Applicant	LEBOURGEOIS,	35 USC 154(b) term ext. = 0 Days.		

TITLE OF DIGITALLY CERTIFYING A USER IDENTITY AND A COMPUTER SYSTEM IN
INVENTION COMBINATION (AS AMENDED)

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
2	CRYP1010WSW	380-025.000	B98 UTILITY	YES	\$605.00	12/27/99

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.

THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.

HOW TO RESPOND TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
- B. If the status is the same, pay the FEE DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

II. Part B-Issue Fee Transmittal should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B Issue Fee Transmittal should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "4b" of Part B-Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give application number and batch number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PATENT AND TRADEMARK OFFICE COPY

Notice of Allowability

Application No.
08/954,245

Applicant(s)
LeBourgeois

Examiner
Paul E. Callahan

Group Art Unit
2767



All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.

☒ This communication is responsive to Application rec. 10/20/97

☒ The allowed claim(s) is/are 1-38

☐ The drawings filed on _____ are acceptable.

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been
☐ received.

☐ received in Application No. (Series Code/Serial Number) _____

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☒ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE **THREE MONTHS** FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.

☒ Applicant MUST submit NEW FORMAL DRAWINGS

☒ because the originally filed drawings were declared by applicant to be informal.

☐ including changes required by the Notice of Draftsperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No. _____

☐ including changes required by the proposed drawing correction filed on _____, which has been approved by the examiner.

☐ including changes required by the attached Examiner's Amendment/Comment.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

Attachment(s)

☐ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

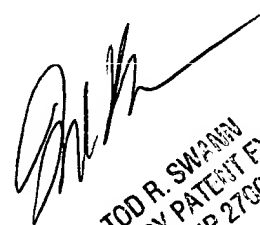
☐ Notice of Informal Patent Application, PTO-152

☐ Interview Summary, PTO-413

☐ Examiner's Amendment/Comment

☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

☒ Examiner's Statement of Reasons for Allowance


TODD R. SWANN
SUPERVISORY PATENT EXAMINER
GROUP 2760

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DETAILED ACTION

Transitional After Final Practice

1. Since this application is eligible for the transitional procedure of 37 CFR 1.129(a), and the fee set forth in 37 CFR 1.17(r) has been timely paid, the finality of the previous Office action is hereby withdrawn pursuant to 37 CFR 1.129(a). Applicant's amendment submission after final filed on Aug 25 1999 has been entered.

Allowable Subject Matter

2. Claim 1-38 are allowed.

3. The following is an examiner's statement of reasons for allowance:

Digital certification methods and apparatus are well known in the art. For example Ensor et al. US Patent 5,721,780 Feb. 24, 1998 teaches a digital certification method comprising the steps of; storing, at a first time, a first signature dependent upon a first user system ID; generating at a second time subsequent to the first a second signature dependent on a second user system ID; certifying, in dependence on these first and second signatures, whether the second user system ID matches the first user system ID (abstract and col. 2 lines 31-51). Neither Ensor

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nor the associated prior art however, teach the generation of a first and second signature which is formed in dependence upon both a user-specific ID such as a biometric sample or other identifier, and a user system ID, in the manner of the applicant as disclosed in claims 1, 18, and 29. Nor do Ensor and the other prior art teach a certification step involving comparison of two signatures generated in this way, in the manner of the applicant in claims 1, 18 and 29. Therefore claims 1, 18, and 29 are allowable over the prior art as being novel and non-obvious. Claims 2-15 which are dependent on claim 1 are therefore allowable over the prior art as well. Claims 19-25 which are dependent on claim 18 are therefore allowable over the prior art as well. Claims 30-38 which are dependent on claim 29 are therefore allowable over the prior art as well.

Neither Ensor nor the other associated prior art teach a digital certification method comprising the steps of storing accessibly to a certification server a first signature of a first user identity on a first user system in dependence on a first user identity code and in dependence further upon a first group of at least one component as present in said first user system; at a second time subsequent to the first an inquiring system providing a challenge code to a second user system and said second user system developing a second signature in dependence on a second user identity and in dependence further on a second group of at least one component as present in said second user system at said second time; providing said challenge code and said second signature to said certification server; said certification server developing a certification result in dependence upon said second signature and a combination of said challenge code and said first signature in the manner of the applicant in the method disclosed in claim 16. Therefore

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claim 16 is allowable over the prior art. Since claim 17 is dependent on claim 16, it is therefore allowable over the prior art as well.

Neither Ensor nor the associated prior art teach a digital certification method comprising the steps of providing a challenge code to a user system in response to a request for authorization for said user system; receiving a real-time signature from said user system after said step of providing a challenge code; providing said challenge code and said real-time signature to a certification server and receiving a certification result from said certification server after said step of providing said challenge code and said real-time signature to said certification server in the manner of the applicant in the method disclosed in claim 26. Therefore claim 26 is allowable over the prior art. Since claims 27 and 28 are dependent on claim 26, they are therefore allowable over the prior art as well.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

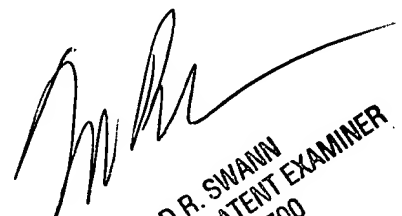
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Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paul E. Callahan whose telephone number is (703) 305-1336. The examiner can normally be reached on M-F from 9 to 4.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tod Swann, can be reached on (703) 308-7791. The fax phone number for the organization where this application or proceeding is assigned is (703) 305-0040.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.



TOD R. SWANN
SUPERVISORY PATENT EXAMINER
GROUP 2700